

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: :  
: Confirmation No.: 1242  
Robert Sheffield et al. :  
: Group Art Unit: 1724  
Appln. No.: 10/667,491 :  
: Examiner: Luan V. Van  
Filed: September 23, 2003 :  
:  
For: REDUCED CIRCUIT TRACE :  
ROUGHNESS FOR IMPROVED SIGNAL :  
PERFORMANCE :

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO THE OFFICE ACTION DATED JULY 13, 2011**

Sir:

In response to the Office Action dated July 13, 2011 ("Office Action"), please consider the following remarks regarding the above-identified patent application.

- Listing of the Claims begins on Page 2.
- Remarks begin on Page 6.